

RECEIVED
CENTRAL FAX CENTER

002/009

OCT 12 2006

67,108-034
Huo 7**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A telecommunications system comprising: a telecommunications network device having a radio interface and a layered protocol architecture for allowing transfer of upper layer Protocol Data units using a shared medium between a communications unit and the telecommunications network device, wherein said layered protocol architecture is operative for coding and transferring Protocol Data Units as a plurality of Radio Link Control data blocks that each carry at least one Logical Link Control Protocol Data Unit (LLC PDU) and a data block header that includes a delimiter as a length indicator (LI), wherein any last Logical Link Control Protocol Data Unit of a Radio Link Control data block has no delimiter and when a last Logical Link Control Protocol Data Unit fills the balance of the Radio Link Control data block, the length indicator is zero having no data for a first length indicator in any next in sequence Radio Link Control data block, wherein said data block header includes a Final Block Indicator (FBI) field to indicate whether the Radio Link Control data block is the last data block of a Temporary Block Flow.
2. (Original) A telecommunications system according to claim 1, and further comprising at least one packet data physical channel through which Protocol Data Units are transferred, wherein said layered protocol architecture further comprises a radio resource sublayer for managing the at least one packet data physical channels and managing Radio Link Control and Medium Access Control on the packet data physical channels.
3. (Cancelled)
4. (Currently Amended) A telecommunications system according to claim 3₁, wherein said Radio Link Control data block further comprises a downlink Radio Link Control data block.

67,108-034
Huo 7

5. (Original) A telecommunications system according to claim 1, wherein data block header includes an extension bit (E) field to indicate the presence of an optional octet in the data block header.
6. (Original) A telecommunications system according to claim 1, wherein said data block header includes a More bit (M) field to indicate when another Logical Link Control Protocol Data Unit follows the current one within a Radio Link Control data block.
7. (Original) A telecommunications system according to claim 1, wherein a communications unit further comprises at least one mobile unit.
8. (Original) A telecommunications system according to claim 1, wherein said telecommunications network device further comprises base stations.
9. (Currently Amended) A telecommunications system comprising: a plurality of telecommunications network devices each having a radio interface and a layered protocol architecture for allowing transfer of upper layer Protocol Data Units using a shared medium between communications units and the telecommunications network devices, wherein said layered protocol architecture is operative for coding and transferring Protocol Data Units as a plurality of Radio Link Control data blocks each containing octets numbered from 1 to N2 and each carrying a plurality of Logical Link Control Protocol Data Units (LLC PDU) having user data or upper layers' signaling data and a data block header that includes a delimiter as a length indicator (LI) given in an octet, wherein any last Logical Link Control Protocol Data Unit of a Radio Link Control data block has no delimiter, and when a last Logical Link Control Protocol Data Unit fills the balance of a Radio Link Control data block, the length indicator is zero for a first length indicator in any next in sequence Radio Link Control data block, wherein said data block header includes a Final Block Indicator (FBI) field to indicate whether the Radio Link Control data block is the last data block of a Temporary Block Flow.

67,108-034
Huo 7

10. (Original) A telecommunications system according to claim 9, and further comprising at least one packet data physical channel through Protocol Data Units are transferred, wherein said layered protocol architecture further comprises a radio resource sublayer for managing the at least one packet data physical channel and managing Radio Link Control and Medium Access Control on the packet data physical channels.
11. (Cancelled)
12. (Currently Amended) A telecommunications system according to claim 119, wherein said Radio Link Control data block further comprises a downlink Radio Link Control data block.
13. (Original) A telecommunications system according to claim 9, wherein said data block header includes an extension bit (E) field to indicate the presence of an optional octet in data block header.
14. (Original) A telecommunications system according to claim 9, wherein said data block header includes a More bit (M) field to indicate when another Logical Link Control Protocol Data Unit follows the current one within a Radio Link Control data block.
15. (Original) A telecommunications system according to claim 9, wherein said communications units further comprise at least one mobile unit.
16. (Original) A telecommunications system according to claim 9, wherein said telecommunications network devices further comprise a plurality of base stations.

67,108-034
Huo 7

17. (Currently Amended) A network device comprising: a radio interface; and a layered protocol architecture for allowing transfer of upper layer Protocol Data Units, wherein said layered protocol architecture is operative for coding and transferring Protocol Data Units as a plurality of Radio Link Control data blocks that each carry at least one Logical Link Control Protocol Data Unit (LLC PDU) and a data block header that includes a delimiter as a length indicator (LI), wherein any last Logical Link Control Protocol Data Unit of a Radio Link Control data block has no delimiter, and when a last Logical Link Control Protocol Data Unit fills the balance of a Radio Link Control data block, the length indicator is zero for a first length indicator in any next in sequence Radio Link Control data block, wherein said data block header includes a Final Block Indicator (FBI) field indicative of whether the Radio Link Control data block is the last data block of a Temporary Block Flow.

18. (Original) A network device according to claim 17, and further comprising at least one packet data physical channel through which Protocol Data Units are transferred, wherein said layered protocol architecture further comprises a radio resource sublayer for managing the at least one packet data physical channel and managing Radio Link Control and Medium Access Control on the packet data physical channel.

19. (Cancelled)

20. (Currently Amended) A network device according to claim 1917, wherein said Radio Link Control data block further comprises a downlink Radio Link Control data block.

21. (Original) A network device according to claim 17, wherein the data block header includes an extension bit (E) field to indicate the presence of an optional octet in data block header.

22. (Original) A network device according to claim 17, wherein said data block header includes a More bit (M) field to indicate when another Logical Link Control Protocol Data Unit follows the current one within a Radio Link Control data block.

67,108-034
Huo 7

23. (Original) A network device according to claim 17, wherein said communications units further comprise at least one mobile unit.

24. (Original) A network device according to claim 17, wherein said telecommunications network devices further comprise a plurality of base stations.

25. (Currently Amended) A Radio Link Control data block comprising: a plurality of Logical Link Control Protocol Data Units (LLC PDU) and a data block header that includes a delimiter as a length indicator (LI), wherein any last Logical Link Control Protocol Data Unit of the Radio Link Control data block has no delimiter and when a last Logical Link Control Protocol Data Unit fills the balance of the Radio Link Control data block, the length indicator is zero for a first length indicator in any next in sequence Radio Link Control data block, wherein said data block header includes a Final Block Indicator (FBI) field to indicate whether the Radio Link Control data block is the last data block of a Temporary Block Flow.

26. (Cancelled)

27. (Currently Amended) A Radio Link Control data block according to claim 2625, wherein said Radio Link Control data block further comprises a downlink Radio Link Control data block.

28. (Original) A Radio Link Control data block according to claim 25, wherein data block header includes an extension bit (E) field to indicate the presence of an optional octet in data block header.

29. (Original) A Radio Link Control data block according to claim 25, wherein said data block header includes a More bit (M) field to indicate when another Logical Link Control Protocol Data Unit follows the current one within a Radio Link Control data block.

30-44. (Cancelled)